

Risk List
July 7, 2006

	WBS	Description	Likelihood	Schedule Consequence	Cost Impact (\$K)	Type of Risk	Risk Expiration	Mitigation Plan
High Risk	1.0	Delays in Project Funding	V	Level 1		Cost/Schedule	FY08	Avoid scheduling procurements in 1st qtr, work closely with DOE, NASA, procurement.
Medium Risk	1.1	Fluctuation in \$/Euro	L	Level 2	unknown	Cost	4QFY08	Negotiate in US \$, increase contingency on RFQ and Linac, plan early procurement of RFQ.
	1.6	Amplifier Design change-- power requirement + reliability	V	Level 2	*	Cost	2QFY07	Purchase both amplifiers at one time to reduce unit price, and burdening.
	1.0	Linac Building addition delay	U	Level 1		Schedule	FY07	Elevate Lab awareness of criticality, work with Plant Engineering, incorporate their milestones.
	1.1	Delay in Linac delivery	U	Level 1		Schedule	1QFY09	Vendor delivery history, intermediate vendor milestones, communication, vendor visits.
Low Risk	1.0	Procurement delays in major components	U	Level 3		Schedule	1QFY09	Vendor delivery history, intermediate vendor milestones, communication, vendor visits.
	1.0	Booster operating schedule causing EBIS schedule delays	U	Level 2	unknown	Cost/Schedule	CD4	Careful installation planning, install early, work 2 shifts, coordinate with C-AD Ops.
	1.1	Manufacturing of Electron Collector	U	Level 3	unknown	Cost	4QFY06	Detailed design process + review, QA provisions, communication with vendor, early fab + test.
	1.9	Beam Port scheduling difficulties	U	Level 3	unknown	Cost/Schedule	4QFY06	Plan early installation, coordinate with C-AD Ops, increase contingency, work 2 shifts.
	1.9	Radiation fault studies	U	Level 3	unknown	Cost	4QFY06	Plan early beam port + fault studies, have backup layout planned, ensure shielding space.
	1.1	Delay in RFQ delivery	U	Level 3		Schedule	2QFY08	Intermediate vendor milestones, frequent communication, visits
	1.1	EBIS solenoid needs rework to meet performance specification	U	Level 3		Schedule	2QFY07	Qualified vendor; design reviews

* estimated cost impact was included in Microsoft Project file in May 2006